

Application No. 09/773,353
Supplemental Amendment ("E" dated March 9, 2006)

AMENDMENTS TO THE CLAIMS

The listing of claims replaces all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) In a computerized system that includes one or more mobile devices and an electronic message server supporting wireless communication, wherein at least some of the mobile devices have an input system that is optimized for numeric input rather than text input, and wherein at least some of the mobile devices are capable of sending and receiving electronic messages, a method of composing an electronic message using a mobile device, the method comprising acts of:

receiving a command to begin composing an electronic message at a mobile device;

receiving a command to add audio content to the electronic message at the mobile device, wherein a total amount of audio content added is limited to a predetermined maximum set including ~~communication bandwidth of said device~~ for a single electronic message, wherein the limitation of the predetermined maximum set is dictated by an available storage and a communication bandwidth of said device;

diverting to a temporary storage within the mobile device, an audio content stream received at an audio input wherein the total amount of audio content diverted to the temporary storage is limited to the predetermined maximum;

displaying a progress indicator to show a current amount of temporary storage used in storing the data audio content stream compared to the predetermined maximum;

storing the audio content stream within the mobile device in a format that is compatible with adding audio content to the electronic message; and

attaching the formatted audio content to the electronic message at the mobile device.

2. (Original) A method as recited in claim 1, wherein the mobile device comprises a phone and the temporary storage comprises a temporary data file, and wherein the audio content stream received at the audio input is generated by a user speaking into the phone's mouthpiece.

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3. (Original) A method as recited in claim 1, wherein the electronic message comprises an electronic mail message, and wherein the formatted audio content is attached as an electronic mail attachment.
4. (Previously Presented) A method as recited in claim 3, wherein the electronic mail message is composed in either replying to or forwarding a specific electronic mail message, the method further comprising an act of receiving the specific electronic mail message.
5. (Cancelled).
6. (Previously Presented) A method as recited in claim 1, wherein the format used to store the audio content stream allows for data compression, the method further comprising an act of compressing the audio content stream in accordance with the storage format.
7. (Original) A method as recited in claim 6, wherein the storage format is a WAVE file format.
8. (Previously Presented) A method as recited in claim 1, wherein receiving the command to add audio content to the electronic message is based on either selection of a user interface menu item to add audio content to the electronic message or a press of a record button.
9. (Previously Presented) A method as recited in claim 1, further comprising acts of:
displaying an indicator that audio content has been attached to the electronic message; and
displaying a size of the attached audio content.

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10. (Currently Amended) In a computerized system that includes one or more mobile devices and an electronic message server supporting wireless communication, wherein at least some of the mobile devices have an input system that is optimized for numeric input rather than text input, and wherein at least some of the mobile devices are capable of sending and receiving electronic messages, a method of composing an electronic mail message using a wireless telephone, the method comprising acts of:

receiving a command to begin composing an electronic mail message at a wireless telephone;

receiving a command to add audio content to the electronic mail message at the wireless telephone, wherein a total amount of audio content added is limited to a predetermined maximum set including communication bandwidth of said device for a single electronic mail message, wherein the limitation of the predetermined maximum set is dictated by an available storage and a communication bandwidth of said device;

diverting to a temporary storage within the wireless telephone, an audio content stream received at a wireless telephone voice input wherein the total amount of audio content diverted to temporary storage is limited to the predetermined maximum;

displaying a progress indicator to show a current amount of temporary storage used in storing the audio content stream compared to the predetermined maximum;

storing the audio content stream within the wireless telephone in a format that is compatible with adding audio content to the electronic mail message; and

attaching the formatted audio content to the electronic mail message at the wireless telephone.

11. (Previously Presented) A method as recited in claim 10, wherein the electronic mail message is composed in either replying to or forwarding a specific electronic mail message, the method further comprising an act of receiving the specific electronic mail message.

12. (Original) A method as recited in claim 10, wherein attaching the formatted audio content to the electronic mail message complies with a Multipurpose Internet Mail Extensions specification.

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13. (Previously Presented) A method as recited in claim 10, wherein the format used to store the audio content stream allows for data compression, the method further comprising an act of compressing the audio content stream in accordance with the storage format.

14. (Cancelled).

15. (Previously Presented) A method as recited in claim 10, wherein receiving the command to add audio content to the electronic mail message is based on either selection of a user interface menu item to add audio content to the electronic mail message or a press of a record button, the method further comprising acts of:

displaying an indicator that audio content has been attached to the electronic mail message; and

displaying a size of the attached audio content.

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16. (Currently Amended) In a computerized system that includes one or more mobile devices and an electronic message server supporting wireless communication, wherein at least some of the mobile devices have an input system that is optimized for numeric input rather than text input, and wherein at least some of the mobile devices are capable of sending and receiving electronic messages, a method of composing an electronic message using a mobile device, the method comprising steps for:

initiating the creation of an electronic message at a mobile device, the electronic message to include audio content that is limited to a predetermined maximum set including communication bandwidth of said device for a single electronic message, wherein the limitation of the predetermined maximum set is dictated by an available storage and a communication bandwidth of said device;

capturing audio content at the mobile device from an audio content stream being received at an audio input, wherein the audio content stream is generated by a user speaking into the audio input wherein the step for capturing audio content from the audio content stream comprises acts of:

diverting the audio content stream to a temporary storage wherein the temporary storage comprises a temporary data file that is limited to the predetermined maximum,

displaying a progress indicator to show a current amount of temporary storage used in storing the audio content stream compared to the predetermined maximum, and

storing the audio content stream in the temporary storage; and

adding the audio content to the electronic message at the mobile device in a format that is compatible with the electronic message.

17. (Original) A method as recited in claim 16, wherein the mobile device comprises a telephone, and wherein the audio stream is generated by a user speaking into the telephone's mouthpiece.

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18. (Previously Presented) A method as recited in claim 16, wherein the electronic message comprises an electronic mail message, and wherein the step for adding the audio content to the electronic message comprises acts of:

formatting the captured audio content stream to be compatible with the electronic mail message; and

attaching the formatted audio content to the electronic mail message.

19. (Previously Presented) A method as recited in claim 18, wherein the electronic mail message is composed in either replying to or forwarding a specific electronic mail message, and wherein the step for initiating the creation of the electronic mail message includes an act of receiving the specific electronic mail message.

20. (Cancelled).

21. (Cancelled).

22. (Previously Presented) A method as recited in claim 16, wherein a format used to store the audio content stream allows for data compression, and wherein the step for adding the audio content to the electronic message comprises an act of compressing the audio content stream in accordance with the format used to store the audio content.

23. (Previously Presented) A method as recited in claim 16, wherein the step for initiating the creation of an electronic message comprises acts of:

receiving a command to begin composing an electronic message; and

receiving a command to add audio content to the electronic message, wherein the act of receiving the command to add audio content to the electronic message is based on either selection of a user interface menu item to add audio content to the electronic message or a press of a record button.

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24. (Previously Presented) A method as recited in claim 16, wherin the step for adding the audio content to the electronic message comprises acts of:

displaying an indicator that audio content has been added to the electronic message; and

displaying a size of the added audio content.

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25. (Currently Amended) In a computerized system that includes one or more mobile devices and an electronic message server supporting wireless communication, wherein at least some of the mobile devices have an input system that is optimized for numeric input rather than text input, and wherein at least some of the mobile devices are capable of sending and receiving electronic messages, a computer program product for implementing a method of composing an electronic message using a mobile device, comprising:

a computer readable medium for carrying machine-executable instructions for implementing the method; and

wherein said method is comprised of machine-executable instructions for a mobile device performing acts of:

receiving a command to begin composing an electronic message at a mobile device;

receiving a command to add audio content to the electronic message at the mobile device, wherein a total amount of audio content added is limited to a predetermined maximum set ~~including communication bandwidth of said device~~ for a single electronic message, wherein the limitation of the predetermined maximum set is dictated by an available storage and a communication bandwidth of said device;

diverting to a temporary storage within the mobile device, an audio content stream received at an audio input wherein the total amount of audio content diverted to temporary storage is limited to the predetermined maximum;

displaying a progress indicator to show a current amount of temporary storage used in storing the audio stream compared to the predetermined maximum;

storing the audio content stream within the mobile device in a format that is compatible with adding audio content to the electronic message; and

attaching the formatted audio content to the electronic message at the mobile device.

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26. (Original) A computer program product as recited in claim 25, wherein the mobile device comprises a phone and the temporary storage comprises a temporary data file, and wherein the audio content stream received at the audio input is generated by a user speaking into the phone's mouthpiece.

27. (Original) A computer program product as recited in claim 25, wherein the electronic message comprises an electronic mail message, and wherein the formatted audio content is attached as an electronic mail attachment.

28. (Previously Presented) A computer program product as recited in claim 27, wherein the electronic mail message is composed in either replying to or forwarding a specific electronic mail message, the method further comprising an act of receiving the specific electronic mail message.

29. (Canceled).

30. (Previously Presented) A computer program product as recited in claim 25, wherein the format used to store the audio content stream allows for data compression, the method further comprising an act of compressing the audio content stream in accordance with the storage format.

31. (Original) A computer program product as recited in claim 30, wherein the storage format is a WAV file format.

32. (Previously Presented) A computer program product as recited in claim 25, wherein receiving the command to add audio content to the electronic message is based on either selection of a user interface menu item to add audio content to the electronic message or a press of a record button.

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33. (Previously Presented) A computer program product as recited in claim 25, the method further comprising acts of:

displaying an indicator that audio content has been attached to the electronic message; and

displaying a size of the attached audio content.

34. (Previously Presented) The method as recited in claim 1, wherein the predetermined maximum is based on available communication bandwidth.

35. (Previously Presented) The method as recited in claim 1, wherein the predetermined maximum is based on an amount of available storage.

36. (Previously Presented) The method as recited in claim 1, wherein the progress indicator is a graphical sliding bar.

37. (Previously Presented) The method as recited in claim 10, wherein the predetermined maximum is based on available communication bandwidth.

38. (Previously Presented) The method as recited in claim 10, wherein the predetermined maximum is based on an amount of available storage.

39. (Previously Presented) The method as recited in claim 10, wherein the progress indicator is a graphical sliding bar.

40. (Previously Presented) The method as recited in claim 16, wherein the predetermined maximum is based on available communication bandwidth.

41. (Previously Presented) The method as recited in claim 16, wherein the predetermined maximum is based on an amount of available storage.

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42. (Previously Presented) The method as recited in claim 16, wherein the progress indicator is a graphical sliding bar.

43. (Previously Presented) The computer program product as recited in claim 25, wherein the predetermined maximum is based on available communication bandwidth.

44. (Previously Presented) The computer program product as recited in claim 25, wherein the predetermined maximum is based on an amount of available storage.

45. (Previously Presented) The computer program product as recited in claim 25, wherein the progress indicator is a graphical sliding bar.

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